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REPORT

OF THE

BOARD OF PUBLIC WORKS,

STATE OF KANSAS,

1895-'96.

TOPEKA.

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REPORT OF THE BOARD OF PUBLIC WORKS.

Topeka, Kas., January 1, 1897.

To E. N. Morrill, Governor of Kansas:

Sir—We have the honor to transmit herewith our report as Board of Public Works of the state of Kansas.

The Board assumed its duties April 1, 1895. There fell to our charge: Work under construction, an unsettled contract for steam heating and plumbing at Osawatomie, with James Foley; also, unfinished contract for the physics and electrical engineering building, at the State University; also, contract with J. W. Berry, to finish a cottage at the Industrial School for Girls, at Beloit, that had been awarded by our predecessors; an appropriation to furnish water, and electric-light plants, laundry, hospital, steam heat, and plumbing, for all of the buildings at said school; an appropriation for additional buildings, steam heating, plumbing, water and electric-light plants, at the Soldiers' Orphans' Home, at Atchison.

On September 8, occurred a storm at Emporia, which partially destroyed the "Albert Taylor Hall," built the year before, and conceiving it our duty to attend to the matter, we at once assembled on the premises and discussed measures which resulted in the proper and speedy repair and betterment of the same.

The detailed acts of the Board, regarding all of the above enumerated items, appear in the statements herewith attached:

April 1, 1895, contract of James Foley called for balance of.....	\$979 20
May 2, 1895, Board inspected and received the work as complete, and paid said Foley the amount in the treasury.....	890 49
Balance yet remaining	\$88 71
Allowed also, extras, the sum of.....	32 51
Amount standing unpaid for lack of funds.....	\$121 22
Also, in connection with same contract, was allowed unpaid balance to Thos. Heery, for services as superintendent over same, amounting to	110 00
Also, allowed Henry Bennett, extra for doors furnished, not belonging to his contract for building.....	72 00
Showing deficiency of available funds of.....	\$303 22

The same having been previously contracted for by our predecessors, all we did was to adjust and pay off, as far as the amount left us to do with, and recommend the deficiency to the next legislature as valid and just amounts due.

April 1, 1895, unfinished contract of C. H. Hollcraft, for erection of the physics and electrical engineering building at the university, the unexpended amount in treasury of.....	\$6,284 44
On inspection of the contract and payments made up to May 2, 1895, to C. H. Hollcraft and the superintendents.....	810 00
Showing balance then in hands of the Board of.....	<u>\$5,474 44</u>

The Board made to C. H. Hollcraft several vouchers covering the same, with the agreement that said vouchers or certificates be held by the auditor of state to be released to Hollcraft only by the action of the Board when estimates upon contracts should be made, to the end that the interests of the state, the material men, and sub-contractors might be better subserved.

There was in addition to the above amount:

An appropriation allowed by the regents of the university to apply on the finishing of said building of the sum of.....	\$422 00
April 10, 1895, upon which they have paid.....	268 00
Leaving a balance yet in their hands of.....	<u>\$154 00</u>

Again, at the meeting of May 15, 1895, wherein the above mentioned agreement was entered into, it was found that:

The amount of deficiency to pay out his contract was.....	\$314 28
And, also, August 7, 1895, the amount of extras ordered by the former board	314 50
And	108 03
Total amount due Hollcraft	\$736 81
By the regents paying over the above.....	154 00
Will leave a deficiency due Hollcraft of.....	<u>\$582 81</u>

Unexpended balance of appropriation for the erection, plumbing, and equipping cottage, Industrial School for Girls, Beloit, Kas.:

April 2, 1895	\$9,885 33
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Paid out as follows:

To contractor for building	\$6,596 90
To contractor, heating and plumbing.....	1,650 00
To contractor, furniture	916 34
Architect, superintendents and assistant.....	567 14
Incidentals	154 45
Reverted to state	50
Total	<u>\$9,385 33</u>

Expenditure of appropriation, chapter 15, Laws of 1895, for Industrial School for Girls, at Beloit, Kas.:

For the erection of boiler house, electric-light plant, laundry, heating, lighting, plumbing and equipping the same.....	\$10,000 00
For erection of hospital and heating, lighting and plumbing the same	3,000 00
For water plant, electric motor and well	5,000 00
Total appropriation	\$18,000 00

Paid out as follows:

To contractor for boiler house.....	\$3,874 50
To contractor for hospital	1,642 00
To contractor for water tower, tank, and tunnel.....	3,208 00
To contractor for power, heat, and plumbing.....	6,198 76
To contractor for electric-light plant and fixtures....	2,074 73
To state architect and superintendents.....	493 02
For surveying and grading.....	228 40
Incidentals	278 46
Reverting to state	2 13
Total	\$18,000 00

Appropriation for building, etc., Soldiers' Orphans' Home, Atchison, Kas.:

Appropriation No 1, for building three cottages.....	\$25,500 00
Appropriation No. 2, for building domestic building.....	27,000 00
Appropriation No. 3, for building boiler house, laundry and completion of plants for heating, lighting, water supply and sewerage	30,000 00
Appropriation No. 4, for building east wing to main building and equipping same	8,000 00
Appropriation No. 5, building work shop and tool house.....	1,000 00
Appropriation No. 6, building ice house.....	500 00
Total	\$91,800 00

Disbursed as follows:

To contractors for buildings.....	\$61,123 66
To contractors for power, heat and plumbing.....	13,563 18
To contractors for electric-light plant and fixtures.....	5,054 30
To contractors for wells and cistern.....	1,975 38
To contractors for furniture	3,411 77
For incidentals, grading, etc.....	1,933 07
For state architect, superintendents, and assistants.....	4,526 26
Balance in state treasury December 31, 1896.....	212 38
Total	\$91,800 00

Copy of Report of Storm Damages at Emporia, submitted to the Board by the President as Special Committee.

On Monday, September 9, 1895, while at the Soldiers' Orphans' Home, at Atchison, Kas., I was in the afternoon shown a Kansas City morning paper, containing the news of a destructive storm, having demolished the normal school building called the "A. R. Taylor Hall," at Emporia, Kas. I at once went to the city of Atchison and wired the Board of Public Works and the state architect to join me at the midnight train at Topeka, to proceed to Emporia. At Topeka I was met by Mr. Heery and Architect Holland, the limited time not having permitted Mr. Miller to be on hand.

Train service for the night having been abandoned to Emporia on account of track damages we were delayed until the following morning. Upon arrival at Emporia, on the afternoon of Tuesday, the 10th, we viewed the damages and went in session with the board of regents, and there formulated the mode of procedure. I had made approximate figures to restore the hall from roof to the floor of the same to be about \$2,205. Separate from me, Messrs. Heery and Holland had made figures, including plastering below that, at \$2,326.17.

The regents had been informed by local parties (a supposed authority on building) that the cost would be from \$10,000 to \$15,000, consequently they felt relieved at our report.

Neither board having any money for such a contingency, we proposed that the regents make a loan of \$3,000 upon notes, with signatures of a few of the local citizens, covering the time to elapse until the legislature could make provisions at the next session to reimburse the amount. The regents finally arranged to pay from their incidental fund, and we were empowered to proceed with the repairs. We had put the amount to borrow at \$3,000 in order to cover hasty expense and obstacles that might come up which the eye could not see.

Wednesday following, being the day set for a meeting to open bids at Beloit, it was agreed that I would remain at Emporia and forward the repairs; the Board holding their meeting in Beloit without me.

Early Wednesday morning I had the tin work contracted for, the brick and carpenter work all arranged for by noon. In the afternoon I had an interview with plasterers and had arranged for correspondence to follow up other matters, by President Taylor, for the iron ceiling and destroyed seats; everything thus having been done that day necessary to promptly hasten a completion of the work.

I also discovered that afternoon that some betterments must follow not only in this repair work but over the whole of the upper portion of the building that the storm had not damaged, or the whole roof might go off in a future storm; for these reinforcements, I fully made the carpenters sketches with written instructions.

At intervals thereafter the building has been visited by members of this Board and State Architect Holland, the latter approving all of the measures I had adopted in the premises, and also adding some things himself.

On October 23, the Board made its last visit there to settle up with the various contractors and material men, by approval of their accounts.

The building was then in use by the school, and had been for several days.

The betterments were made as follows, from figures and measurements by me, to wit:

Expenditures for betterments and repairs, on account of storm, of the State Normal School, Emporia, Kas.:

Betterments, viz.:

Paid for lumber	\$78 15
Blacksmithing, etc	95 11
Work on wood and iron.....	200 00
Extra brand of tin and paper under the same.....	87 00
Painting hall instead of calsomining same.....	142 50
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Actual betterments	\$602 76
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Paid out for repairs and betterments, as follows:	
Frank McLain, plastering	\$206 66
W. L. Henderson, painting	285 00
Haynes Bros., hardware	19 54
Geo. C. Jones, ventilator.....	28 00
W. H. La Bagg, electrical	57 85
J. L. W. Bell, rent of tools.....	1 00
Haynes Bros., hardware	5 75
J. L. Schraffle, rent of jack screws	1 00
W. G. Perry, blacksmith	3 25
Geo. C. Jones, tin roofing.....	466 32
Jos. C. Jones, foundry.....	11 60
F. H. Bowers, plush.....	2 00
Pier & Haughton, carpenters, and labor.....	188 42
For forgings	61 61
Emporia Lumber Company	32 90
McCutcheon & Sons, extra brickwork.....	75 00
Incidentals at school	67 26
McGriff & Co., tin work.....	95 55
McCutcheon & Son, brick work	280 00
Arthur Lee, electrical supplies.....	8 20
For coping stone	63 70
H. J. Bower Hardware Company.....	28 77
Bergh, iron ceiling	365 00
W. P. James, superintendent	35 00
W. G. Perry, blacksmithing	21 90
Emporia Lumber Company, for lumber.....	171 71
Morgan & Firth, blacksmithing	12 10
Pier & Haughton, carpenter and labor.....	212 20
J. C. Holland, state architect.....	15 00
For papering room	30 00
W. L. Henderson, painting, etc.....	19 15
Emporia Lumber Company	10 21
Seats and repairs on same.....	335 58
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Total	\$3,217 23

Supplemental report on storm damages, Emporia Normal:

Amount paid sundry persons and firms, viz.:

Geo. C. Jones, repairs boiler house and roof.....	\$87 34
W. L. Henderson, glass and sundries.....	12 65
Pier & Houghton, repairs to seats.....	5 65

Miscellaneous items paid by board of regents.....	\$110 26
Haynes & Bros., hardware, paid through Emporia office.....	2 30
Freight on chair repairs.....	1 85
Pier & Houghton, reinforcing cornice.....	12 50
J. C. Holland, mileage.....	4 50
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Total	\$237 05
Amount carried from preceding page.....	3,217 23
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Total payments	\$3,454 28
Observe: The original report of damages to the new building, includ- ing betterments, is per preceding page.....	\$3,217 23
From which deduct the betterments (same page).....	602 76
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Showing the amount to restoring damages to be.....	\$2,614 47
Now of this supplemental report there belongs to damage account, Pier & Houghton's bill.....	\$5 65
Pier & Houghton's bill.....	12 50
Freight on chair repairs.....	1 85
Total	20 00
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Thus showing a total restoration of damages new hall.....	\$2,634 47
Bring down betterments above noted.....	602 76
Deducting from supplemental report the items amounting to \$20, shown above, leaves thus the amount to go against repairs to boiler house, an old building not known of by us at the time we took up the matter of the A. R. Taylor Hall of.....	217 05
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Total	\$3,454 28

JOHN SEATON, President.

March 19, 1896.

There was an unexpended balance in the state treasury of approp-
riation, known as "State-house repair fund," April 1, 1895, amount-
ing to \$772.45.

Out of which there has been paid by this Board in 36 different vouchers, for miscellaneous items, the amount of.....	\$687 55
Leaving in the treasury December 31, 1896.....	84 90
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Total	\$772 45

All of which is respectfully submitted.

JOHN SEATON, President,
SOL MILLER, Secretary,
MICHAEL HEERY, Treasurer,
State Board of Public Works.





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